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SYMBOLS AND ABBREVIATIONS USED IN TEXT

Å	Ångström units = 1×10^{-10} m.	K.	absolute temperature (Kelvin scale).
A.C.	alternating current.	kc./s.	kilocycles per second.
amp.	ampère(s).	kg.	kilogramme(s).
amp.hr.	ampère-hour(s).	kg.cal.	kilogramme-calorie(s).
approx.	approximate(ly).	kg.m.	kilogramme-metre(s).
at.-%	atomic per cent.	km.	kilometre(s).
at.wt.	atomic weight.	km. ²	square kilometre(s).
atm.	atmosphere(s) (pressure).	kV.	kilovolt(s).
A.W.G.	American wire-gauge.	kVA.	kilovolt-ampère(s).
B. & S.	Brown & Sharpe (gauge).	kW.	kilowatt(s).
Bé.	Baumé (scale).	kWh.	kilowatt-hour(s).
b.h.p.	brake horse-power.	kX.	Crystal Ångström(s) = 1000 Siegbahn X-units.
B.o.T.	Board of Trade.	l.	litre(s).
B.Th.U.	British thermal unit(s).	lb.	pound(s).
B.T.U.	Board of Trade unit(s).	liq.	liquid.
B.W.G.	Birmingham wire-gauge.	L.F.	low-frequency.
C.	Centigrade (scale).	M	molar (solution).
c.c.	cubic centimetre(s).	m.	metre(s).
c.d.	current density.	m. ²	square metre(s).
C.G.S.	centimetre-gramme-second (units).	m. ³	cubic metre(s).
cm.	centimetre(s).	m.amp.	milliampère(s).
cm. ²	square centimetre(s).	max.	maximum (adj).
coeff.	coefficient(s).	mg.	milligramme(s).
conc.	concentrated (adj).	ml.	millilitre(s).
const.	constant (adj).	min.	minute(s).
c./s.	cycles per second.	mm.	millimetre(s).
C.Th.U.	Centigrade thermal unit(s).	mm. ²	square millimetre(s).
cwt.	hundredweight(s).	mm. ³	cubic millimetre(s).
D.C.	direct current.	m.m.f.	magnetomotive force(s).
D.P.N.	diamond pyramid hardness number.	m.p.	melting point(s).
dia.	diameter(s).	mμ	millimicron = 1×10^{-9} m. = 10 Å.
dil.	dilute (adj.).	mV.	millivolt(s).
dm.	decimetre(s).	N	normal (solution).
dm. ²	square decimetre(s).	N.P.L.	National Physical Laboratory.
dm. ³	cubic decimetre(s).	No.	number.
e.m.f.	electromotive force(s).	N.T.P.	normal temperature and pressure.
eV.	electron volt(s).	oz.	ounce(s).
F.	Fahrenheit (scale).	P.C.E.	pyrometric cone equivalent.
ft.	foot; feet.	p.d.	potential difference (electric).
ft. ²	square foot (feet).	pH	hydrogen-ion concentration $\left(\log \frac{1}{c}\right)$
ft. ³	cubic foot (feet).	p.p.m.	parts per million.
ft.lb.	foot-pound(s).	R.	Réaumur (scale).
g.	gramme(s).	R.M.S.	root mean square.
gal.	gallon(s).	r.p.m.	revolutions per minute.
g.atom.	gramme-atom(s).	sec.	second(s).
H.	Henry(s).	sin	sine.
H.F.	high-frequency.	sp. gr.	specific gravity.
H-ion	hydrogen-ion.	sq.	square.
h.p.	horse-power.	S.W.G.	standard wire gauge (Imperial).
h.p.hr.	horse-power-hour(s).		
hr.	hour(s).		
in.	inch; inches.		
in. ²	square inch(es).		
in. ³	cubic inch(es).		
in.lb.	inch-pound(s).		

Symbols and Abbreviations Used in Text

t.p.i.	threads per inch.	/	per
tan	tangent.	<	less than.
temp.	temperature(s).	>	greater than.
V.	volt(s).	≥	not less than.
VA.	volt-ampère(s).	≠	not greater than.
vol.	volume(s).	≤	equal to or less than.
W.	watt(s).	≥	equal to or greater than.
Wh.	watt-hour(s).	≠	not equal to.
wt.-%	weight per cent.	≡	identically equal to.
yd.	yard(s).	≈	approximately (or essentially) equal to.
°	degree(s) (arc or temperature).	∞	varies as.
%	per cent.		parallel.
γ	microgramme = 1×10^{-6} g.	⊥	perpendicular.
λ	wave-length.	+	plus.
μ	m micron(s) = 1×10^{-6} m.	-	minus.
μμ	1 millionth micron = 1×10^{-12} m. = 0.01 Å.	±	plus or minus.
Ω	ohm(s).	√	square root.
'	minute of the arc.	∴	therefore.
"	second of the arc.		

GREEK ALPHABET.

A	α	alpha.	N	ν	nu.
B	β	beta.	Ξ	ξ	xi.
Γ	γ	gamma.	O	ο	omicron.
Δ	δ	delta.	Π	π	pi.
E	ε	epsilon.	P	ρ	rho.
Z	ζ	zeta.	Σ	σ	sigma.
H	η	eta.	T	τ	tau.
Θ	θ	theta.	Υ	υ	upsilon.
I	ι	iota.	Φ	φ	phi.
K	κ	kappa.	X	χ	chi.
Λ	λ	lambda.	Ψ	ψ	psi.
M	μ	mu.	Ω	ω	omega.

CORRIGENDA.

- Page 6, line 16. *For H. J. Grant read N. J. Grant.*
- Page 16, line 4. *For E. J. Addison read E. T. Addison.*
- Page 16, line 31. *For cadium read cadmium.*
- Page 79, line 5. *For G. B. Contractor read G. P. Contractor.*
- Page 85, line 13. *For *British Standards Institution read *Standards Association of Australia.*
- Page 85, lines 14 and 15. *For London : The Institution, 28 Victoria St., S.W.1 read Sydney : The Association, Science House, Gloucester and Essex Streets.*
- Page 88, line 29. *For Produits read Propriétés.*
- Page 89, line 35. *For 30 read 39.*
- Page 89, line 37. *For 30 read 39.*
- Page 106, line 34. *For (4), 87-105; (5), 90-96 read (5), 87-90, 105; (6), 90-96.*
- Page 112, line 2. *For Making a Light Alloy-Snap Flash read Making a Light-Alloy Snap Flask.*
- Page 146, line 1. *For F. G. Mezoff read J. G. Mezoff.*
- Page 162, line 16. *For E. H. Sondheimer read E. H. Soudheimer.*
- Page 183, line 18. *For 1822-1834 read 1822-1824.*
- Page 190, line 22. *For 10 read 19.*
- Page 192, line 14. *For Castings read Coatings.*
- Page 198, line 13 from bottom of page. *For H. G. Davies read H. E. Davies.*
- Page 208, line 14. *After Daniel Gray add and S. E. Eaton.*
- Page 249, line 33. *For Foudrinier read Fourdrinier.*
- Page 272, line 37. *For 9·0 read 0·9.*
- Page 324, line 35. *For D. Schoenberg read D. Shoenberg.*
- Page 373, line 12 from bottom of page. *For F. V. Winsor read F. J. Winsor.*
- Page 376, line 10. *For (20) read (21).*
- Page 381, line 8. *For 13s. read 16s.*
- Page 419, line 3 from bottom of page. *For M. Thon read N. Thon.*
- Page 442, line 1. *For Jaeger, Raymond E. read Jager, Raymond E.*
- Page 451, line 3. *For W. H. Brittain read W. H. Brattain.*
- Page 493, line 12. *For H. Hulbei read H. Hulubei.*
- Page 507, line 32. *For tears read tests.*
- Page 531, line 36. *For A. W. Sundick read A. W. Sundwick.*
- Page 600, line 28. *For E. V. Blackman read E. V. Blackmun.*

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